NITFS
Compliance Registration

Product: **Opticks version 4.2.2**

Sponsor: **National Air and Space Intelligence Center (NASIC)**

Developer: **Ball Aerospace and Technologies Corporation**

Date: **16 March 2009**
Expiration: **15 March 2011**
Registration #: **3012**

☑ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☑ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

Complexity Level

NITF 2.1 CLEVEL

		3		5	6	7
Interpret						
Generate						

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

NITFS Features Implemented:

Format
NITF
◉● 2.1
○○ 2.0
○ 1.1
NSIF
○○ 1.0

Pixel Value Types
○○ Boolean
◉● Integer
◉● Signed Integer *
◉● IEEE Real *
○○ IEEE Complex *

Annotation Segment Types
○○ Bit Mapped **
○○ CGM, 2301
○○ CGM, 2301A
○○ Labels **

Text Segments
○○ STA
○○ UT1
○○ U8S
○○ MTF

Image Segment Types
◉● MONO
◉○ RGB
○○ RGB/LUT
○○ YCbCr
◉○ MULTI
◉○ NODISPLY
○○ POLAR

Image Compression
◉● No Compression
○○ JPEG Lossy, 8-bit
○○ JPEG Lossy, 12-bit
○○ JPEG Downsample
○○ JPEG Lossless
○○ JPEG 2000
○○ Bi-Level
◉○ Vector Quantization

Data Extension Segments
◉○ TRE_OVERFLOW
○○ STREAMING_FILE_HEADER
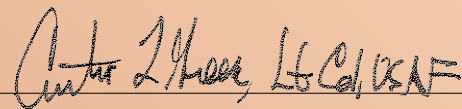○○ Controlled Extensions **
○○ Registered Extensions **

Tagged Record Extensions
◉◉ CSDE
○◉ DIGEST
◉◉ PIAE
○◉ RSM
◉◉ ICHIPB
○◉ NCDRD

Legend
Interpret
Generate
●● Fully implemented
◉● Partially implemented
○○ Not implemented

CURTIS L. GREEN, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program